



UNITED STATES DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**PATENT**

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In the application:

Inventors: SEABA, James and BROOKS, Christopher J.  
Serial Number: 10/689,246  
Filed: October 20, 2003  
For: MICRO COMPONENT LIQUID HYDROCARBON REFORMER  
SYSTEM AND CYCLE FOR PRODUCING HYDROGEN GAS  
Group Art Unit: 1764  
Examiner: Basia Ridley  
Atty. Docket No.: 3994994-131917

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*Filed by Express Mail EV 491170847 US on December 28, 2005*

*Attention: Examiner Basia Ridley, Group 1764*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO THE OFFICIAL COMMUNICATION  
MAILED ON SEPTEMBER 9, 2005  
AND AMENDMENT**

To the Honorable Commissioner:

Applicant responds to the official communication mailed on September 9, 2005 as follows.